

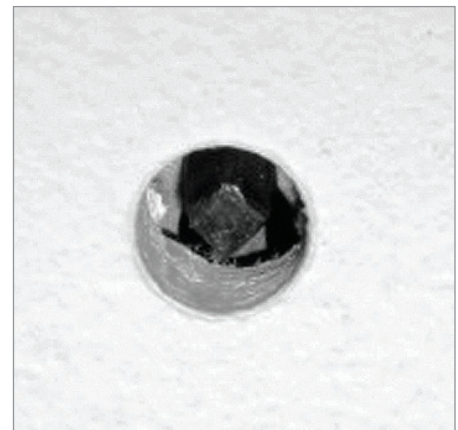
## RT-CCM Mini Ceiling Cup Installation Instructions

Roto-Twist® cable actuated damper drive system. Used for cable termination in a wall or ceiling.

1. Attach worm gear to the shaft of the RT-200/250 or other balancing damper (Not Shown).
2. Test for free operation of rotating cable. NOTE: Do not attempt to rotate cable by pushing on damper blade.
3. Run cable to termination point and secure cable at 3 foot intervals and every change of direction. Cables should be taut or nearly taut with a 4" turn radius. For cable runs longer than 20', use of conduit is recommended on the straight run segments.
4. Attach the mounting bracket to the structural member so that the bottom of the bracket is flush with the underside of the ceiling. (Illustration 'A')
5. Drill a 1/2" diameter hole in the ceiling location that lines up with the centerline of the cable. (23/32" [18mm] from stud) (Illustration 'B'). Install ceiling drywall.
6. Use a 1/4" hexnut driver or MAT square nut driver to balance your damper. (Illustration 'C')
7. Select the appropriate RT-CCM cap for the cover (.500" to .750" or .760" to 1.25" ceiling thickness) and attach to exposed cable. (Illustration D)



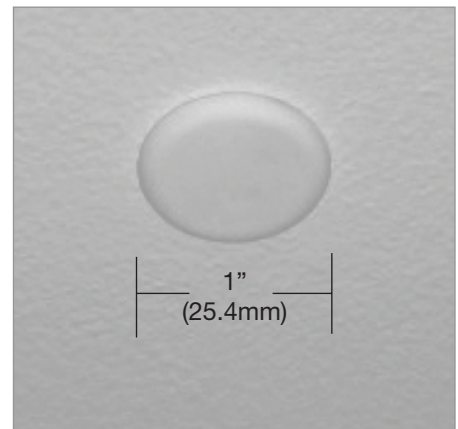
A



B



C



D